

**Flood Control Project Maintenance
Levee Inspections**

Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0003	Overall LMA Rating	Total LMA Miles						
Butte County Public Works Department	A	24.71						
Butte County Public Works								
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.05		0.05	0.20%	0.16	0.55		
Slope Stability	0.01		0.01	0.04%				
<i>Supplemental</i>								
USACE Erosion Survey	0.05		0.05	0.20%				
<i>LMA Totals:</i>	0.11	0.00	0.11	0.45%	0.16	0.55	0.00	0.00

Unit No. 01 Mud Creek RB	Overall Unit Rating	Total Unit Miles						
NA0003	A	7.29						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.04		0.04	0.55%	0.07	0.05		
<i>Supplemental</i>								
USACE Erosion Survey	0.05		0.05	0.69%				
<i>Unit Totals:</i>	0.09	0.00	0.09	1.24%	0.07	0.05	0.00	0.00

Unit No. 02 Mud Creek LB	Overall Unit Rating	Total Unit Miles						
NA0003	A	8.20						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments	0.01		0.01	0.12%	0.01	0.32		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.12%	0.01	0.32	0.00	0.00

Unit No. 02A Channel Slough LB	Overall Unit Rating	Total Unit Miles						
NA0003	A	0.30						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

Unit No. 03 Sycamore and Sheep Hollow Creeks RB	Overall Unit Rating	Total Unit Miles						
NA0003	A	4.13						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Slope Stability	0.01		0.01	0.24%				
<i>Unit Totals:</i>	0.01	0.00	0.01	0.24%	0.00	0.00	0.00	0.00

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Fall 2012 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin (cont.)

Unit No. 04 Sycamore and Dry Creeks RB	Overall Unit Rating	Total Unit Miles						
NA0003	A	2.94						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.08	0.18		
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.08	0.18	0.00	0.00
Unit No. 05 Big Chico Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0003	A	1.85						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%				

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 01 Mud Creek			Right	7.29
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

Summer & Winter Inspections

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The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1			Earthen Levee	Operations & Maintenance Manuals	WS	A Ma		°	°	10
DWR ID: DWR_NA0003_01_s_2012_10										
2			Earthen Levee	Emergency Supplies & Equipment	WS	A Ma		°	°	14
DWR ID: DWR_NA0003_01_s_2012_14										
3			Earthen Levee	Flood Preparedness & Training	WS	A Ma		°	°	15
DWR ID: DWR_NA0003_01_s_2012_15										
4	2.06	2.10	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.748330 ° -121.918685 °	39.748867 ° -121.918533 °	3 Y
DWR ID: DWR_NA0003_01_s_2012_3										
5	2.16	2.16	Earthen Levee	Encroachments	LS	U En	BU : Building	39.749732 ° -121.918270 °	39.749732 ° -121.918270 °	24
DWR ID: DWR_NA0003_01_s_2012_24										
6	2.18	2.25	Earthen Levee	Encroachments	LS	M En	FE : Fence	39.749917 ° -121.917738 °	39.753355 ° -121.922915 °	4
DWR ID: DWR_NA0003_01_s_2012_4										
7	2.65	2.65	Earthen Levee	Encroachments	LS	A En	PR : Prunings Inspector Comments: The prunings pile has been removed.	39.755897 ° -121.914808 °	39.755897 ° -121.914808 °	2 Y
DWR ID: DWR_NA0003_01_s_2012_2										
8	2.90	2.90	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodent holes been filed with grout.	39.758788 ° -121.912383 °	39.758788 ° -121.912383 °	11 Y
DWR ID: DWR_NA0003_01_s_2012_11										
9	3.00	3.00	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.759755 ° -121.911160 °	39.759755 ° -121.911160 °	1 Y
DWR ID: DWR_NA0003_01_s_2012_1										
10	3.10	3.10	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.761085 ° -121.911048 °	39.761085 ° -121.911048 °	25
DWR ID: DWR_NA0003_01_s_2012_25										
11	3.22	3.22	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodent holes have been filled with grout.	39.762548 ° -121.909872 °	39.762547 ° -121.909868 °	6 Y
DWR ID: DWR_NA0003_01_s_2012_6										
12	3.33	3.33	Earthen Levee	Animal Control	LS	A Ma	A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows. Inspector Comments: The rodent hole have been filled with grout.	39.764123 ° -121.908970 °	39.764123 ° -121.908970 °	12 Y
DWR ID: DWR_NA0003_01_s_2012_12										
13	3.98	3.98	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.770351 ° -121.901349 °	39.770351 ° -121.901349 °	5
DWR ID: DWR_NA0003_01_s_2012_5										

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
14	4.32	4.37	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011 - Two large erosion scallops at the toe from a rotational failure. Deep cracks along the slope indicate the potential for further failures. 2012: Site is part of the extended inventory, last inspected 2011. [2012 Site ID: MUD_4-4_R]	39.773969 ° -121.895078 °	39.773257 ° -121.895618 °	8
DWR ID:										
15	4.58	4.58	Earthen Levee	Encroachments	LS	M	PR : Prunings	39.775908 ° -121.893947 °	39.775908 ° -121.893947 °	21 Y
DWR ID: DWR_NA0003_01_s_2012_21										

*** Location**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	2.06
End Levee Mile	2.10
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fences along the L/S toe.

rduffey_f_20120911_139.jpg



Levee Mile Report Line	7
Start Levee Mile	2.65
End Levee Mile	2.65
Location	Land Side
Category	Earthen Levee
Item	Encroachments

The prunings have been removed from the toe of the levee.

rduffey_f_20120911_138.jpg



Levee Mile Report Line	8
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Land Side
Category	Earthen Levee
Item	Animal Control

The rodent holes have been grouted by Butte County.

rduffey_f_20120911_141.jpg



*** Location**

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A/W : Acceptable but Monitor & Maintain

+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	9
Start Levee Mile	3.00
End Levee Mile	3.00
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the pruning pile along the L/S toe.

rduffey_f_20120911_137.jpg



Levee Mile Report Line	11
Start Levee Mile	3.22
End Levee Mile	3.22
Location	Land Side
Category	Earthen Levee
Item	Animal Control

The rodent holes have been grouted by Butte County.

rduffey_f_20120911_140.jpg



Levee Mile Report Line	12
Start Levee Mile	3.33
End Levee Mile	3.33
Location	Land Side
Category	Earthen Levee
Item	Animal Control

The rodent holes have been grouted by Butte County.

rduffey_f_20120911_142.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Mud Creek	Right	7.29	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	15
Start Levee Mile	4.58
End Levee Mile	4.58
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the brush pile along landside toe.

rduffey_f_20121128_349.JPG



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 02 Mud Creek			Left	8.20
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

Summer & Winter Inspections

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek						Left	8.20	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	1.58	1.90	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.782773 ° -121.888178 °	39.778972 ° -121.891563 °	3 Y
DWR ID: DWR_NA0003_02_s_2012_3										
2	3.42	3.42	Earthen Levee	Encroachments	LS	M Ma	PR : Prunings	39.763208 ° -121.908517 °	39.763208 ° -121.908517 °	5 Y
DWR ID: DWR_NA0003_02_f_2012_5										
3	4.70	4.70	Earthen Levee	Encroachments	LS	M En	PR : Prunings	39.749727 ° -121.917112 °	39.749727 ° -121.917112 °	1 Y
DWR ID: DWR_NA0003_02_s_2012_1										

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Mud Creek	Left	8.20	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	1.58
End Levee Mile	1.90
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence along the landside toe of the levee.

rduffey_f_20120911_146.jpg



Levee Mile Report Line	2
Start Levee Mile	3.42
End Levee Mile	3.42
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the brush pile along landside toe.

rduffey_f_20121128_350.JPG



Levee Mile Report Line	3
Start Levee Mile	4.70
End Levee Mile	4.70
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the tree prunings at the toe of the levee.

rduffey_f_20120911_145.jpg



*** Location**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 02A Channel Slough			Left	0.30
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.30	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.30	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.734225 ° -121.929544 °	39.734225 ° -121.929544 °	3 Y
DWR ID: DWR_NA0003_02A_f_2012_3										

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Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02A Channel Slough	Left	0.30	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.30
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the levee with all vegetation removed.	
rduffey_f_20121128_351.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 03 Sycamore and Sheep Hollow Creeks			Right	4.13
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
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Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway					Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks					Right	4.13	11/06/2012 11/06/2012		Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.06	0.06	Earthen Levee	Slope Stability	WS	M	S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.786068 ° -121.881828 °	39.786068 ° -121.881828 °	3 Y
DWR ID: DWR_NA0003_03_s_ 2012_3										
2	1.78	1.78	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.779572 ° -121.853285 °	39.779572 ° -121.853285 °	4 Y
DWR ID: DWR_NA0003_03_f_ 2012_4										

*** Location**

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WS : Water Side
CR : Crown

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A : Acceptable
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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Sycamore and Sheep Hollow Creeks	Right	4.13	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	0.06
Location	Water Side
Category	Earthen Levee
Item	Slope Stability

View of the motorcycle erosion on the landside slope of the levee.

rduffey_f_20120911_147.jpg



Levee Mile Report Line	2
Start Levee Mile	1.78
End Levee Mile	1.78
Location	Land Side
Category	Earthen Levee
Item	Vegetation

View of the levee with all vegetation removed.

rduffey_f_20121128_352.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 04 Sycamore and Dry Creeks			Right	2.94
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks						Right	2.94	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.98	1.05	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.776013 ° -121.851175 °	39.776595 ° -121.852005 °	1 Y
DWR ID: DWR_NA0003_04_s_2012_1										
2	1.16	1.27	Earthen Levee	Encroachments	LS	U En	FE : Fence	39.776760 ° -121.854022 °	39.777650 ° -121.855687 °	3 Y
DWR ID: DWR_NA0003_04_s_2012_3										
3	1.32	1.40	Earthen Levee	Encroachments	LS	M En	DT : Ditch	39.778003 ° -121.856403 °	39.778378 ° -121.857953 °	2 Y
DWR ID: DWR_NA0003_04_s_2012_2										
4	2.78	2.78	Earthen Levee	Vegetation	LS	A Ma	V1 : Control annual grass and weeds on the levee slopes and easements.	39.785603 ° -121.880185 °	39.785603 ° -121.880185 °	6 Y
DWR ID: DWR_NA0003_04_f_2012_6										

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.98
End Levee Mile	1.05
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence and trees along the landside toe of the levee.

rduffey_f_20120911_148.jpg



Levee Mile Report Line	2
Start Levee Mile	1.16
End Levee Mile	1.27
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the fence along the L/S toe.

rduffey_f_20120911_150.jpg



Levee Mile Report Line	3
Start Levee Mile	1.32
End Levee Mile	1.40
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of AG ditch at the L/S toe.

rduffey_f_20120911_149.jpg



*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Sycamore and Dry Creeks	Right	2.94	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	2.78
End Levee Mile	2.78
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the levee with all vegetation removed.	
rduffey_f_20121128_353.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2012 Levee Inspection Results

Butte County Public Works Department Butte County Public Works

Waterway			Bank	Unit Miles
Unit No. 05 Big Chico Diversion			Left	1.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	04/04/2012 - 04/04/2012		11/06/2012 - 11/06/2012	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Dave Herfi Butte Co.		Dave Herfi Butte Co.	

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	11/06/2012 11/06/2012	Bob Duffey

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
1	0.22	0.22	Earthen Levee	Vegetation	LS	A	V1 : Control annual grass and weeds on the levee slopes and easements.	39.761928 ° -121.793035 °	39.761928 ° -121.793035 °	3 Y

DWR ID: DWR_NA0003_05_f_2012_3

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2012

Butte County Public Works Department Butte County Public Works

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Big Chico Diversion	Left	1.85	11/06/2012 11/06/2012	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.22
End Levee Mile	0.22
Location	Land Side
Category	Earthen Levee
Item	Vegetation
View of the levee with all vegetation removed.	
rduffey_f_20121128_354.JPG	



* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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